Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 27 Oct 2023 until 23:59 on Saturday 28 Oct 2023

Forecast Issued on Friday 27 Oct 2023 at 04:03

Confidence: High for unsettled, but lowering for the detail of timing of worst of the conditions.

Headline for Friday 27 Oct 2023: Rather cloudy with showers. Moderate southeast summit winds. Freezing level above all peaks.

Mountain weather hazards on Friday 27 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					FOG
Fog	Cloudy	Cloudy	Cloudy	Cloudy	Fog
Precipitation probability					
30%	20%	30%	40%	20%	10%

Forecast for Friday 27 Oct 2023

Weather: A generally cloudy day with widespread hill fog at first, then gradually some scattered showers appearing. The showers will be light this morning, then gradually turning heavier through the afternoon before fading away this evening.

Chance of cloud-free hill tops above 600m: 10-20%, then temporarily improving 70% from late morning and through the afternoon across central and western areas.

Low cloud and visibility: Good becoming moderate or poor in showers, and very poor within cloud with extensive bases down to 500m. Cloud then lifting a little too around 700m from late morning and this afternoon across central and western areas.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 27 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/13 SE	12/16 SE	11/14 SE	10/14 SE	11/15 SE	12/17 SE	13/19 SE
300	4/10 SE	5/10 SE	8/12 SE	8/13 SE	8/14 SE	9/17 SE	10/18 SE
Valley	4/9 E	6/10 E	6/11 SE	6/12 SE	5/12 E	6/13 E	7/14 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/5	8/5	8/5	7/4	7/4	7/4	7/4
300	9/8	9/8	10/8	10/8	9/8	9/7	8/6
Valley	9/8	10/8	11/10	11/10	10/8	9/7	8/6
Freezing Level*	1800m	1700m	1600m	1600m	1700m	1600m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Hill fog extensive for much of today, especially across eastern areas. Feeling chilly at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 27 Oct 2023	N/A	N/A	N/A

Forecast for Saturday 28 Oct 2023

Weather: Remaining rather cloudy with outbreaks of light rain or drizzle, and extensive hill fog. Perhaps becoming temporarily dry and clearer late afternoon, before heavy rain and further hill fog arrives from the south through the evening.

Maximum wind: East to southeast 20 mph with gusts 35 mph.

Chance of cloud-free hill tops above 600m: Generally 20%, but possibly temporarily improving 60-70% late afternoon.

Low cloud and visibility: Good becoming moderate or poor in light rain or drizzle, and very poor within cloud with bases quite extensive down to 500-600m.

Temperature: **Valleys:** Plus 5 Celsius increasing 13 Celsius during the afternoon
At 600m: Plus 6-7 Celsius
Freezing level: Above summits

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